

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventors: Munk, Nelson and Strand

File Date: November 13, 2001

Title: "Determinant Wing Assembly"

Preliminary AmendmentCommissioner for Patents
Washington, D. C. 20231

Sir:

Please amend the above-identified Application as follows:

In the Specification:

Page 1, delete the first paragraph and substitute the following:

This application relates to a US Provisional Application No. 60/013,986 filed on March 22, 1996, and further to PCT/US97/04550 filed March 21, 1997, and is a continuation of US Serial No. 09/155,251 filed September 21, 1998, now US Patent No. 6,314,630 issued November 13, 2001, all of which are entitled "Determinant Wing Assembly" by David Strand, Clayton Munk and Paul Nelson.

In the Claims:

Please cancel original claims 1-67 and add new claims 68-87 as follows:

68. A method of manufacturing a wing, comprising:

positioning a wing panel on a fixture and holding said wing panel immobile on said fixture;

accurately placing critical coordination features in said wing panel and in two wing spars using a numerically controlled machine tool running on part programs incorporating digital wing product definition data from an engineering data authority, said critical coordination features being placed in said wing panel at locations having predetermined relationships with corresponding coordination features in said wing spars when said spars are accurately located in predetermined positions, spaced chord-